

11/28/00  
2-3 layout  
In progress 11/29/00  
11/30/00 10 AM  
7/17/01 Pump Test 11:00

RPS# 331164

# PERMIT

**SEWAGE DISPOSAL SYSTEM**  
HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
410-313-2640

P 514622

A 56441-

ISSUE DATE 11/2/2000

APPROVAL DATE 7/17/01

**INDEXED**

Fogle's Septic Clean, Inc. IS PERMITTED TO INSTALL  ALTER

ADDRESS 580 Obrecht Road Sykesville, MD 21784 PHONE (410) 795-5670

SUBDIVISION Hawksfield Estates II LOT NUMBER 2 ADDRESS 3090 Emerald Valley Road

PROPERTY OWNER William Beam PROPERTY OWNER'S ADDRESS 6656 Luster Drive

SEPTIC TANK CAPACITY 1250 GALLONS

PUMP CHAMBER CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

**\*\*TOP SEAMED SEPTIC TANK REQUIRED\*\***

SQUARE FEET PER BEDROOM 180

**\*\*TOP SEAMED PUMP CHAMBER REQUIRED\*\***

LINEAR FEET OF TRENCH REQUIRED 240

TRENCHES: Trenches to be 3 feet wide. Inlet 2 feet below original grade. Bottom maximum depth 4 feet below original grade. 2 feet of stone below distribution box.

LOCATION: Begin trenches 60 feet off the left lot line and 30 feet off the rear lot line (354.98') as seen when facing the lot from Emerald Valley Road. Run trenches on contour toward the left lot line. OK 10/13/00 DKC

PLANS APPROVED Amy McMillen DATE 9/8/2000

PERMIT VOID AFTER 2 YEARS

NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS

NOTE: TOP OF SEPTIC TANKS ARE TO BE NO DEEPER THAN 3.0 FEET BELOW FINISH GRADE

NOTE: WATERTIGHT SEPTIC TANKS REQUIRED

NOTE: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS, 90° ELBOWS ARE NOT ACCEPTABLE

NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E. TANK, DISTRIBUTION BOX, DRAINFIELDS) TO BE 100 FEET FROM ANY WATER WELL UNLESS OTHERWISE SPECIFICALLY AUTHORIZED

NOTE: NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH UNLESS SPECIFICALLY AUTHORIZED

NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 35/40 PVC OR ABS

NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS

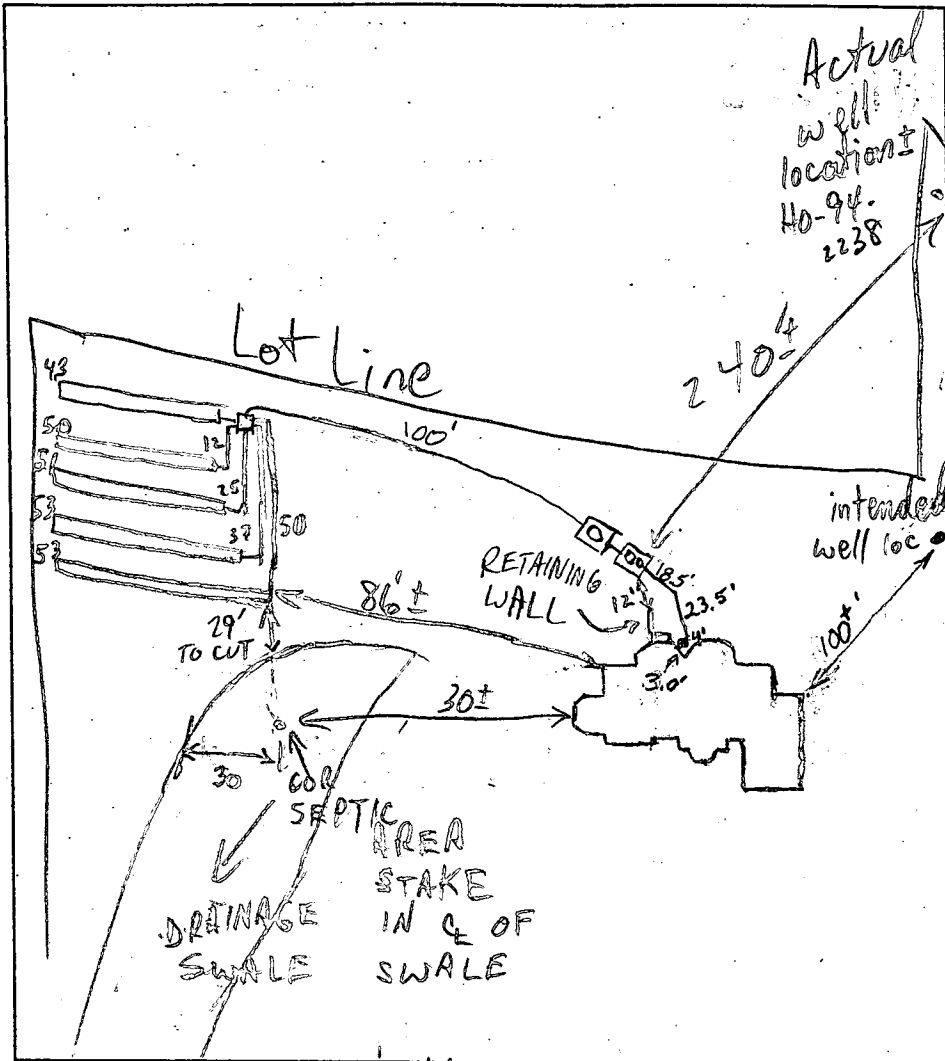
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

NOTE: IF PUMPED SEPTIC SYSTEM REQUIRED, (1) SEPTIC PUMP DETAIL TO BE PROVIDED BY INSTALLER PRIOR TO ISSUANCE OF SEPTIC PERMIT (2) PUMP PERFORMANCE TEST IS NECESSARY PRIOR TO HEALTH DEPARTMENT APPROVAL OF SEPTIC PERMIT

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM  
PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT  
CALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM

PS14022

NOT TO SCALE



TRENCH DATA	
TRENCH WIDTH	3'
TRENCH INLET DEPTH	2'
TRENCH BOTTOM DEPTH	4'
DEPTH OF STONE	2'
NUMBER OF TRENCHES	5
TOTAL TRENCH LENGTH	250'
ABSORBENT AREA	750 ft <sup>2</sup>
DISTRIBUTION BOX LEVEL	<input checked="" type="checkbox"/>
BAFFLE IN DISTRIBUTION BOX	<input checked="" type="checkbox"/>

SEPTIC TANK DATA	
SEPTIC TANK	1250 TS GALLONS
MANHOLE RISER	<input checked="" type="checkbox"/>
6 INCH INSPECTION PORT	<input checked="" type="checkbox"/>
PUMP CHAMBER DATA	
PUMP CHAMBER GALLONS	1250 TS
MANHOLE RISER	<input checked="" type="checkbox"/> w/6" PORT
ALARM	OPERATIONAL
PUMP PERFORMANCE TEST	<input checked="" type="checkbox"/>

Emerald Valley Road

PRE-CONSTRUCTION INSPECTION:

INSPECTION COMMENTS: 11/23/00 Trust tank set at ~6.0' depth. Builder to have area graded so that final depth of both tanks is 3.0'. (BB)  
 11/29/00 a.m. pump chamber installed OK to continue on 11/30/00 SEPTIC AREA COMPROMISED SEVERELY BY DRAINAGE SWALE; WELL 100' ± DISTANT FROM APPROVED LOC; OK TO COVER TANKS + TRENCHES; HOLD FOR PUMP/ALARM INSP (MR)  
 7/17/01 - PUMP & ALARM OPERATIONAL (SRK)

INSPECTOR Steven R. Krieg

DATE SYSTEM APPROVED 7/17/01

# APPLICATION

PERCOLATION TESTING

A 56441A

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 313-2640

DISTRICT 3 RD

DATE 2/12/96

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER DIGI-DATA CORPORATION

ADDRESS 8580 DARBY RUN RD. PHONE 792-0611

AGENT OR PROSPECTIVE BUYER \_\_\_\_\_

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION:

SUBDIVISION HAWKSFIELD ESTATES SEC 2 LOT NO. 30 NEW LOTS 29

ROAD AND DESCRIPTION EMERALD VALLEY ROAD

TAX MAP 16 PARCEL # 250 P/6 40

SIZE OF LOT 3.00 MW TYPE BLDG. SINGLE FAMILY  
(SINGLE FAMILY DWELLING OR COMMERCIAL)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT. \_\_\_\_\_  
(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

DISAPPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

HOLD PENDING FURTHER TESTS \_\_\_\_\_

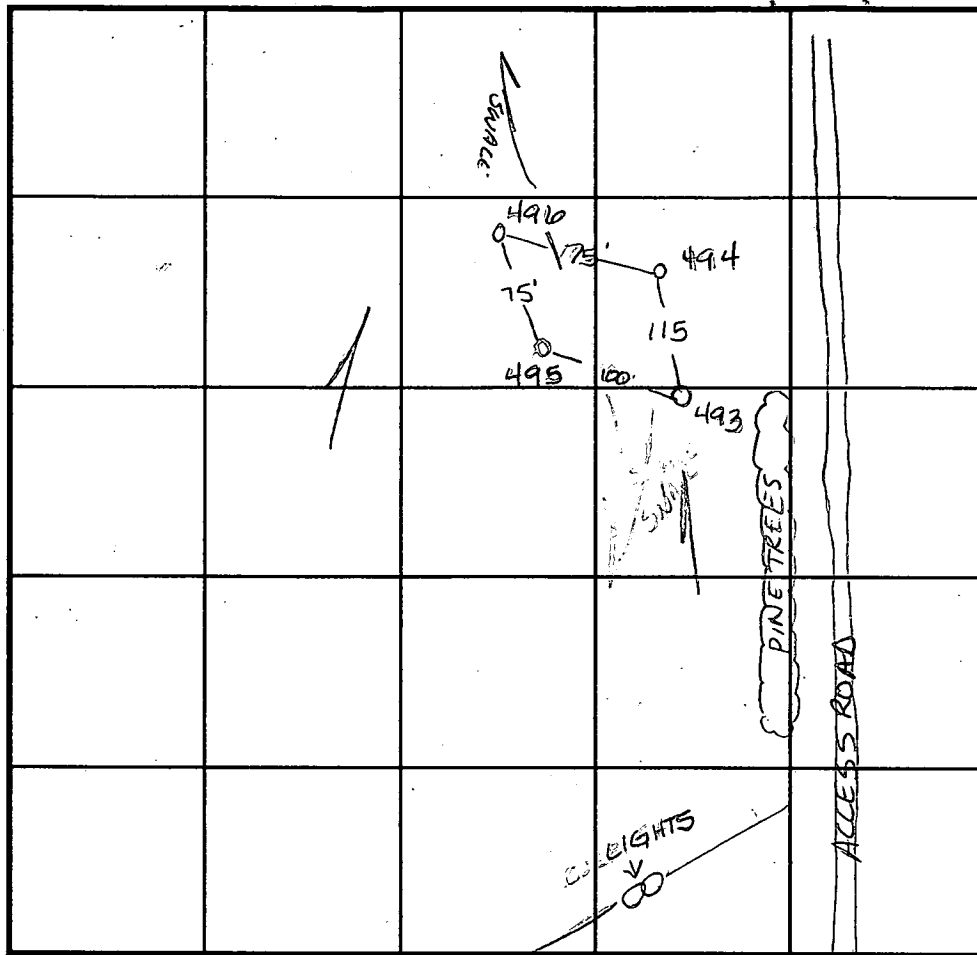
REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

# THIS IS NOT A PERMIT

A56441-A  
COUNTY #



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE  
495

0' dark  
brn  
organic  
ClM

1.5' dark  
orange  
brn  
SiClM

5.0' dark  
brn  
SaSiM

10.0' orange  
yellow  
SaM  
large  
grained

12.0' water

12.5'

494

0' dark  
brn  
organic  
ClM

2.0' lgt  
red  
orange  
SiM

7.0' dark  
black  
brown  
SaM  
horizontal  
zones  
of  
whites  
orange  
SaM

12.0' water

493

0' dark  
red  
brn  
SiClM

2.5' bright  
orange  
SaM

6.0' lgt  
brn  
SaM  
10%  
decayed  
Saprotite

12.0' water

SOIL PROFILE  
496

0' dark  
orange  
ClM

2.0' lgt orange  
SaM  
grainy

8.5' evidence  
of  
water  
mottled-  
dark  
SaM  
water  
coming  
in at  
9.5

12.0'

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
2-14-96	495	Visual	to 12.5	- see profile			OK
	494	5.0 V12.0	12:44	>30			slow
	494	6.0 V12.0	12:54	12:56	12:56	12:58	2min
	493	3.0 V12.5	12:46	12:49	12:49	12:53	4min
	496	3.5 V12.0	12:59	1:00 <sup>15</sup>	1:00 <sup>15</sup>	1:02	1 <sup>3</sup> / <sub>4</sub> min

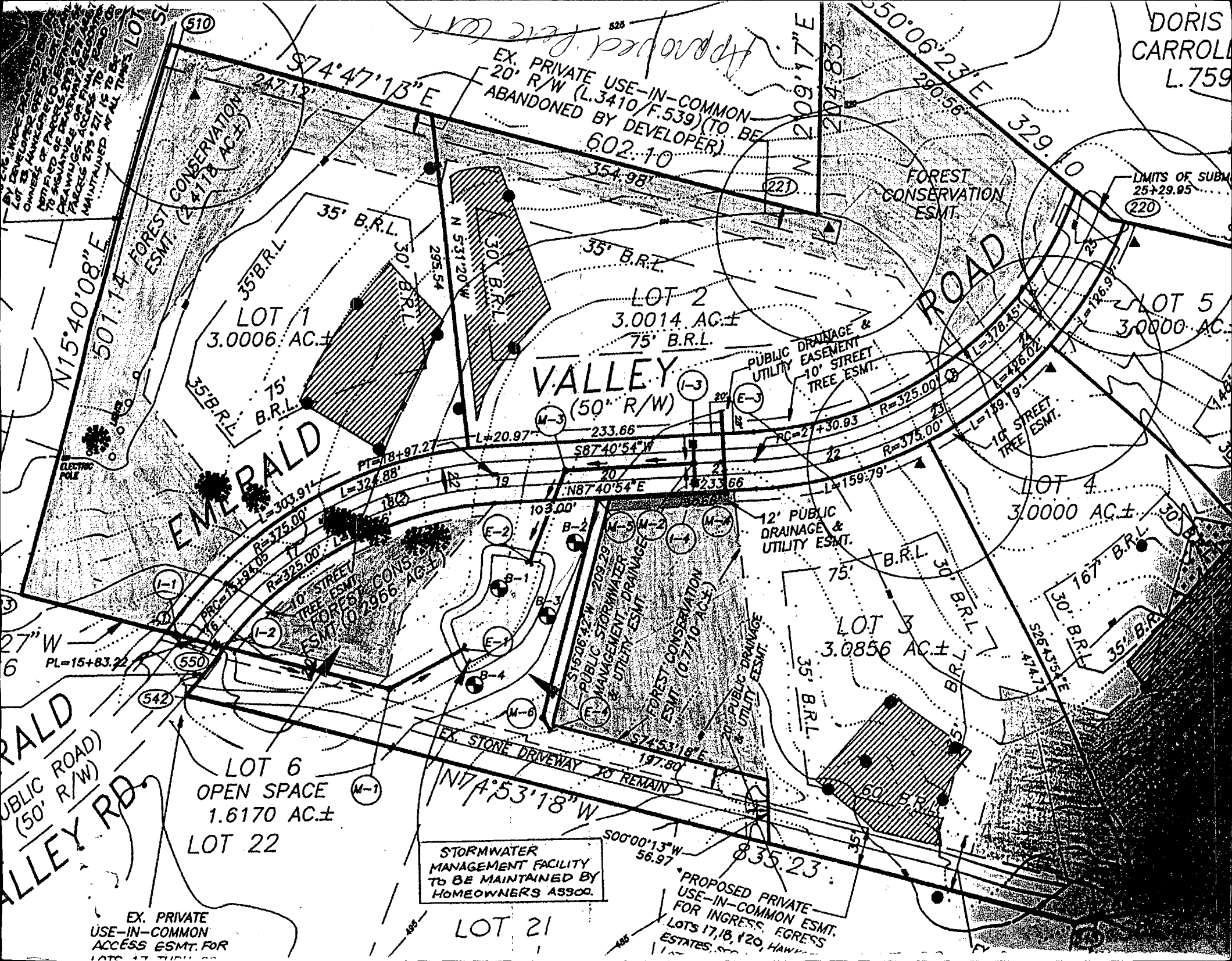
REMARKS \_\_\_\_\_

TYPE OF SOIL \_\_\_\_\_

TESTED BY Amy McMillen ALSO PRESENT Ron J Ken

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_

INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH 5.0 SQ. FT./BEDROOM \_\_\_\_\_



DORIS CARROLL L.759

EX. PRIVATE USE-IN-COMMON 20' R/W (L.3410/F.539) (TO BE ABANDONED BY DEVELOPER) 602.10

FOREST CONSERVATION ESMT. (2.4778 AC±)

FOREST CONSERVATION ESMT.

LIMITS OF SUBM 25+29.95

LOT 1 3.0006 AC±

LOT 2 3.0014 AC± 75' B.R.L.

LOT 5 3.0000 AC±

EMERALD VALLEY (50' R/W)

PUBLIC DRAINAGE & UTILITY 10' STREET TREE ESMT.

LOT 4 3.0000 AC±

EMERALD VALLEY

12' PUBLIC DRAINAGE & UTILITY ESMT.

LOT 6 OPEN SPACE 1.6170 AC±  
LOT 22

LOT 3 3.0856 AC±

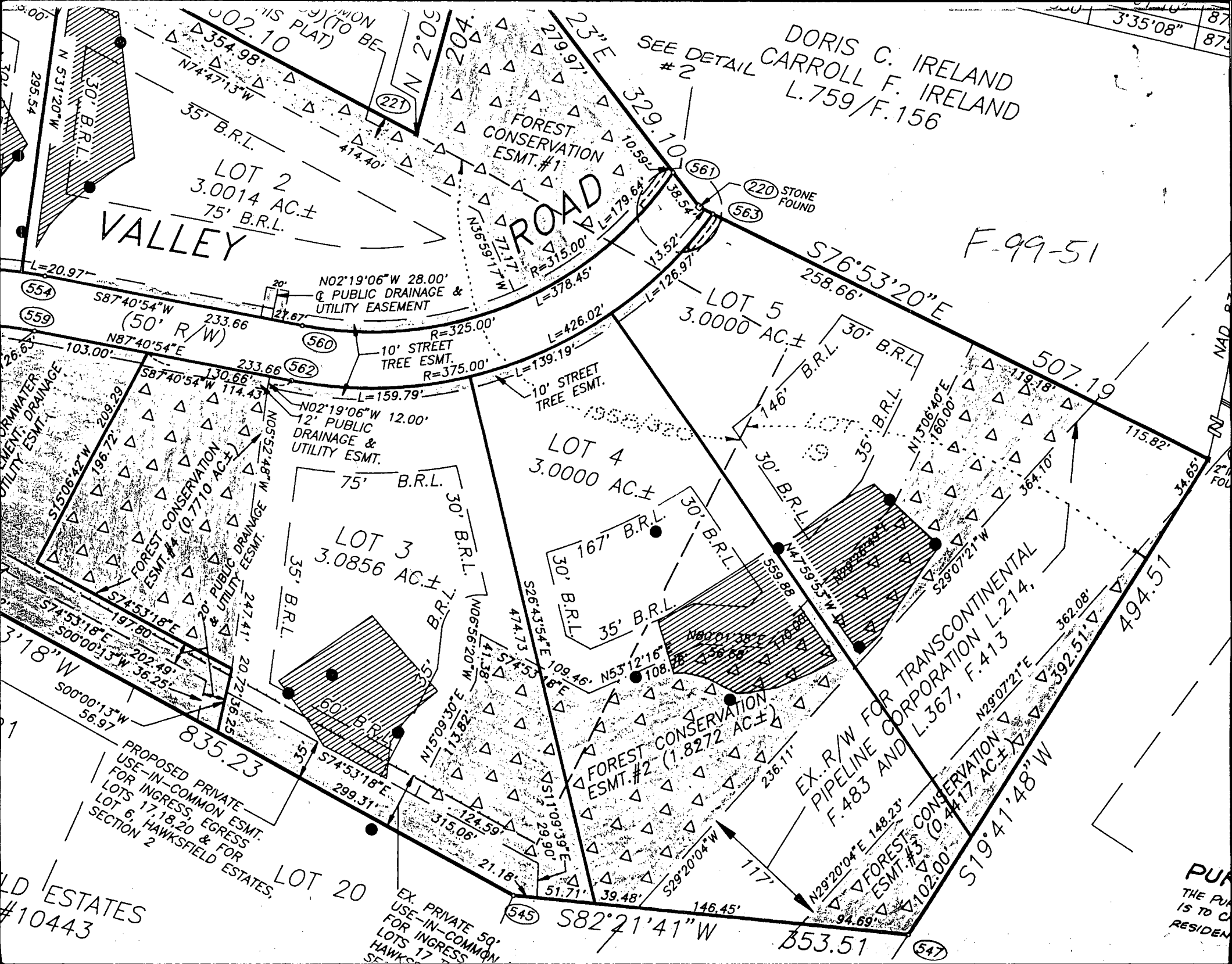
STORMWATER MANAGEMENT FACILITY TO BE MAINTAINED BY HOMEOWNERS ASSOC.

PROPOSED PRIVATE USE-IN-COMMON ESMT. FOR INGRESS, EGRESS LOTS 17, 18, 120, HAWK ESTATES, SEC. 11

EX. PRIVATE USE-IN-COMMON ACCESS ESMT. FOR LOTS 17, 18, 120, HAWK ESTATES, SEC. 11

EMERALD VALLEY RD. (50' R/W)

LOT 21



DORIS C. IRELAND  
CARROLL F. IRELAND  
L.759/F.156

F-99-51

LOT 2  
3.0014 AC.±  
75' B.R.L.  
VALLEY ROAD

LOT 5  
3.0000 AC.±  
30' B.R.L.

LOT 4  
3.0000 AC.±  
30' B.R.L.

LOT 3  
3.0856 AC.±  
35' B.R.L.

FOREST CONSERVATION  
ESMT.#2 (1.8272 AC.±)

EX. R/W FOR TRANSCONTINENTAL  
PIPELINE CORPORATION L.214,  
F.483 AND L.367, F.413

PROPOSED PRIVATE  
USE-IN-COMMON ESMT.  
FOR INGRESS, EGRESS  
LOTS 17, 18, 20 & FOR  
LOT 6, HAWKSFIELD ESTATES,  
SECTION 2

LOT 20

EX. PRIVATE 50'  
USE-IN-COMMON  
FOR INGRESS  
LOTS 17  
HAWKSFIELD  
ESTATES

WLD ESTATES  
#10443

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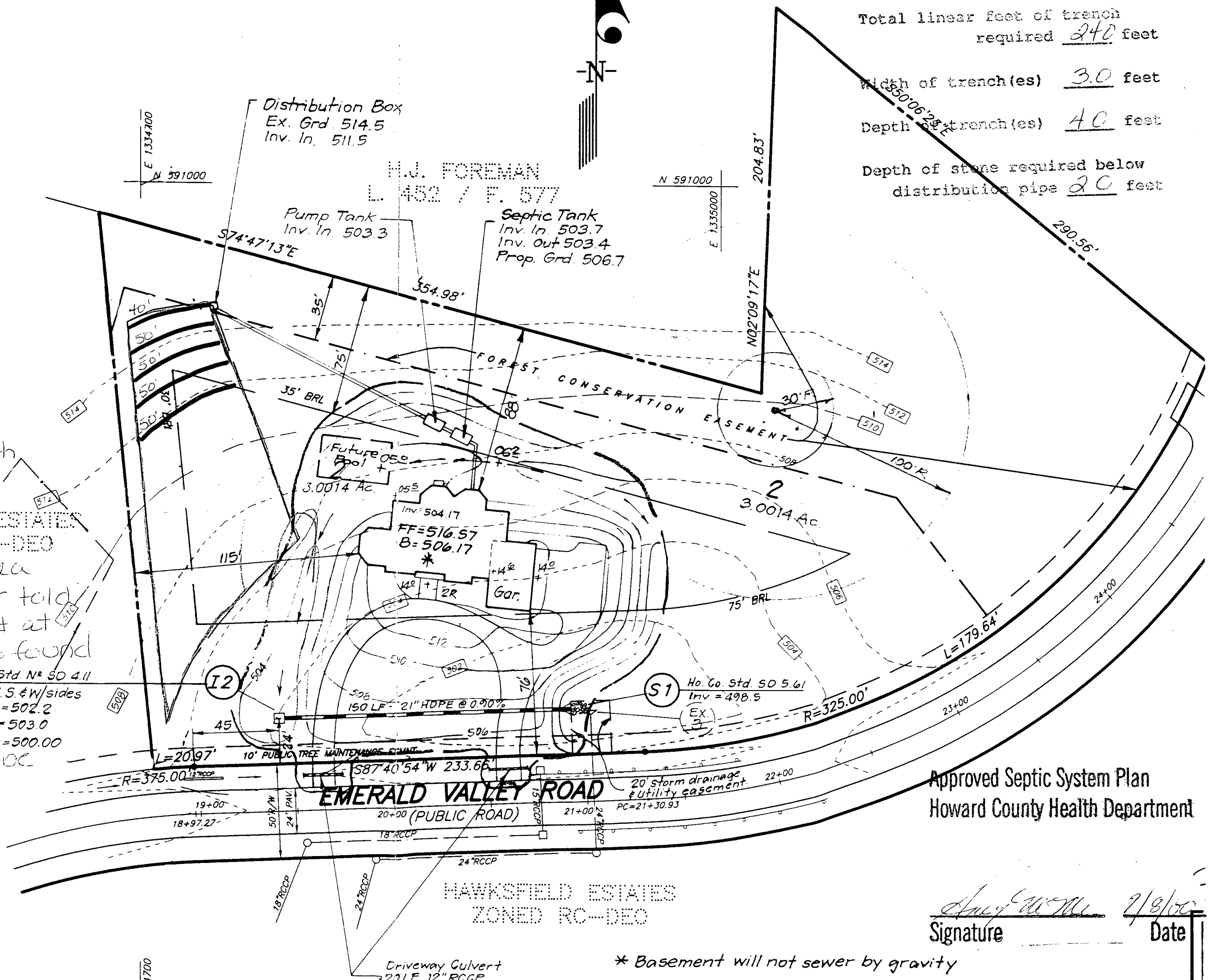
Total linear feet of trench required 240 feet

Width of trench(es) 3.0 feet

Depth of trench(es) 4.0 feet

Depth of stone required below distribution pipe 20 feet

9/8/00  
 Tanks approved as shown because H<sub>2</sub>O is at 13.0' at that location. Tanks 5' in the ground & have a depth of appx 6.0' which makes bottom of tanks at 11.0'. Also tank area will be cut. Engineer told to advise builder that at installation if H<sub>2</sub>O is found or suspected in tank hole-system may need to be reassigned.



Ho. Co. Std. N° 50 4.11  
 Slots N.S. & W/sides  
 Slot El. = 502.2  
 Top El. = 503.0  
 Inv. Out = 500.00

Ho. Co. Std. 50 5.61  
 Inv. = 498.5  
 (EX. 3)

Approved Septic System Plan  
 Howard County Health Department

*Signature*  
 Signature \_\_\_\_\_ Date 9/8/00

\* Basement will not sewer by gravity

**Information Form for the Installation of the Well Pump, Pitless Adapter, and Supply Piping**

NOTE: The installer is responsible for requesting an inspection prior to 9 am on the day of the desired inspection. No work is to be covered until approved by the Health Department. All installations must comply with the National Standard Plumbing Code (NSPC, as amended locally) and COMAR 26.04.04 (MD Well Construction Regulations). Submission of a complete form is required prior to Use and Occupancy approval.

Company Name: Goatland Plumbing Telephone #: 410-875-5303  
 Address: 1620 W. Old Liberty Rd  
Sykesville, MD 21287

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer  
 License # and name of individual responsible for the field installation:

Name (Print): J. Joseph Goatland III License# 6352

\*A licensed individual must perform the actual installation. Apprentices must be under the direct supervision of a licensed journeyman or master plumber, pump installer or well driller. Licenses may be subjected to field verification.

Name of Property Owner: Greenfield Homes Telephone #: 410-281-6782  
 Subdivision: Hawley Field Lot #: 2 Well Tag #: HO-94-2338  
 Site Address: 3090 Emerald Valley Rd  
Ellicott City, MD 21042

<u>Submersible Pump Data</u>	<u>Pitless Adapter</u>	<u>Well Cap and Electric Conduit</u>
Make: <u>Goolds</u>	Make: <u>BEE</u>	Two piece watertight cap: <input checked="" type="checkbox"/>
Model #: <u>26502</u>	Model #: <u>P 10067</u>	Screened, vented well cap: <input checked="" type="checkbox"/>
Pump Capacity <u>2</u> GPM	Depth: <u>42"</u> (36" min)	Cap secured to casing: <input checked="" type="checkbox"/>
Well Yield: <u>        </u> GPM	NSF approved: <u>Yes</u>	Conduit min 18" B.G.: <input checked="" type="checkbox"/>
Depth of well encountered at time of pump installation: <u>180</u> (feet)		Conduit secured to well cap: <input checked="" type="checkbox"/>

If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 17.8.4  
 Torque arrestors of Cable guards are required - Must circle one  
 Safety rope, if used, attached to inside of well casing with eye bolt Yes

Piping to house  
 Type: Poly  
 PSI: Yes (160 psi min)  
 Depth of supply line: 42 (36" min)

House Connection  
 PVC sleeved to undisturbed soil at wall penetration: Yes  
 Approximate length of sleeve:          (Sleeved under Footer)  
 Sleeve caulked and sealed properly:         

The water supply line is required to be at least ten feet from the septic tank, pump chamber, sewage piping, distribution box, drainfields, and sewage reserve area. If this cannot be accomplished, contact this office for approval prior to installation.

         Signature of company representative responsible for installation 12-7-00 date

**For Health Department Use Only - Not to be completed by Installer**

Date Insp. Requested: 10/28/00 Date Insp. Approved: 10/28/00 OK (BB) SRU  
 Inspection Data: Pitless adapter and water supply line at least 36" below grade   
 Two piece cap installed and attached to casing securely   
 Elec. conduit extends at least 18" below grade/attached to cap properly   
 Safety rope installed inside of well casing   
 Correct well tag attached properly and casing 8" above finished grade   
 Water supply line sleeved adequately at house connection   
 Adequate grout observed below pitless adapter

C 1

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND  
WELL COMPLETION REPORT

FILL IN THIS FORM COMPLETELY  
PLEASE TYPE

THIS REPORT MUST BE SUBMITTED AFTER WELL IS COMPLETED. 06/22/99 OK

COUNTY NUMBER A56441 B <sup>AM</sup>

ST/CO USE ONLY  
DATE RECEIVED  
06 19 99

DATE WELL COMPLETED

MM 06 DD 08 YY 99

Depth of Well  
22 180 26  
(TO NEAREST FOOT)

PERMIT NO.  
FROM "PERMIT TO DRILL WELL"  
HD - 94 - 2838

OWNER Digi - Data  
STREET OR RFD Emerald Valley Dr. TOWN W. FRIENDSHIP  
SUBDIVISION Hawkfield SECTION \_\_\_\_\_ LOT 2

DESCRIPTION (Use additional sheets if needed)	FEET		check if water bearing
	FROM	TO	
Dirt	0	1	
Br. Clay & Sand	1	7	
Soft Br. Mica	7	40	
Hard Br. & Blue Sandstone	40	43	X
Hard Br. & Blue Sandstone	43	61	X
Hard Blue & Br. Sandstone	61	75	
Hard Br. Sandstone	75	113	
Hard Br. Sandstone Opening	113	116	X
Hard Blk. Sandstone	116	149	
Hard White Sandstone w/Br.	149	176	
Hard Blk. Sandstone	176	180	

GROUTING RECORD  
WELL HAS BEEN GROUTED (Circle Appropriate Box) YES  NO   
TYPE OF GROUTING MATERIAL (Circle one) CEMENT  BENTONITE CLAY   
NO. OF BAGS 22 NO. OF POUNDS 2088  
GALLONS OF WATER 132  
DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 50 ft.

CASING RECORD  
casing types insert appropriate code below  
 STEEL  CONCRETE  
 PLASTIC  OTHER  
MAIN CASING TYPE ST Nominal diameter top (main) casing (nearest inch!) 6 Total depth of main casing (nearest foot) 51

OTHER CASING (if used)

	diameter inch	depth (feet)
PL	4	60 to 100
PL	4	110 to 160
PL	4	170 to 180

SCREEN RECORD  
screen type or open hole insert appropriate code below  
 STEEL  BRASS  OPEN HOLE  
 PLASTIC  OTHER

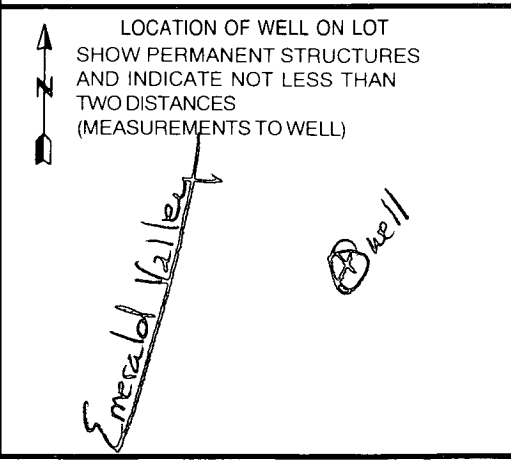
C 2 DEPTH (nearest ft.)

	1	2	3	4	5	6	7	8	9	11	15	17	21
PL		50		60									
PL		100		110									
PL		160		170									

SLOT SIZE 1 .010 2 .010 3 .010  
DIAMETER OF SCREEN 4 (NEAREST INCH)  
from 28 to 180

C 3 PUMPING TEST  
HOURS PUMPED (nearest hour) 3  
PUMPING RATE (gal. per min.) 12  
METHOD USED TO MEASURE PUMPING RATE Submersible  
WATER LEVEL (distance from land surface) BEFORE PUMPING 30 ft. WHEN PUMPING 36 ft.  
TYPE OF PUMP USED (for test)  submersible

PUMP INSTALLED  
DRILLER INSTALLED PUMP (CIRCLE) (YES or NO) YES  NO   
IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS.  
TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29. 29  
CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31 to 35  
PUMP HORSE POWER 37 to 41  
PUMP COLUMN LENGTH (nearest ft.) 43 to 47  
CASING HEIGHT (circle appropriate box and enter casing height)  above 49 LAND SURFACE  below 1 (nearest foot)



NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED  YES  NO

CIRCLE APPROPRIATE LETTER  
A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED  
E ELECTRIC LOG OBTAINED  
P TEST WELL CONVERTED TO PRODUCTION WELL

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS LIC. NO. MWD296  
Ronald Kyker  
DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO. MWD296  
Ronald Kyker (USB)

SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68 68

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER)  
T (E.R.O.S.) \_\_\_\_\_ W Q \_\_\_\_\_  
70 \_\_\_\_\_ 72 \_\_\_\_\_ 74 75 76 \_\_\_\_\_  
TELESCOPE CASING LOG INDICATOR OTHER DATA



B 1 **8554** SEQUENCE NO. (MDE USE ONLY)

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND  
PERMIT TO DRILL WELL  
please print or type

STATE PERMIT NUMBER  
**HC-94-2238**  
fill in this form completely

Date Received (APA) **04.22.99**

**OWNER INFORMATION**

**DIGI-DATA HOLDINGS**  
Last Name Owner First Name

**9881 BROWNELAND PARKWAY**  
Street or RFD

**COLUMBIA MD 21046**  
Town State Zip

B 3 LOCATION OF WELL

**HOWARD** COUNTY

**HAWKSFIELD ESTATES** SUBDIVISION

SECTION **2** LOT **2**

**WEST FRIENDSHIP** NEAREST TOWN

MILES FROM TOWN (enter 0 if in town) **2** MI

**DRILLER INFORMATION** CIRCLE: MSD/MGD/MWD

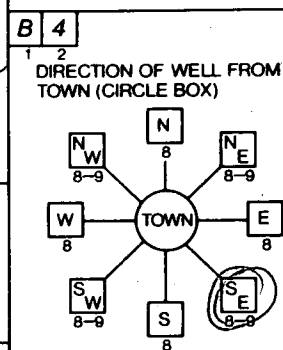
**Ronald Kyle** License No. **294**

Driller's Name: **Westminster Property Well Drilling**

Firm Name: **P.O. Box 861 Westminster, Md 21158**

Address: **Ronald Kyle** Date: **4/24/99**

Signature Date



**Emerald Valley Road** NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

**270** DISTANCE FROM ROAD

ENTER FT OR MI **FT**

TAX MAP: **16** BLK: **80** PARCEL: **259**

B 2 WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) **3**

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) **300**

USE FOR WATER (CIRCLE APPROPRIATE BOX)

HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)

FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)

INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)

PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)

TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

**Howard Co.** COUNTY NAME **A56441B** COUNTY NO.

STATE SIGNATURE \_\_\_\_\_ INSERT S

DATE ISSUED **050499** **AWK Mille** **5/4/00**

CO SIGNATURE EXP. DATE

NORTH GRID **520000** EAST GRID **820000**

APPROXIMATE DEPTH OF WELL **200** FEET

APPROXIMATE DIAMETER OF WELL **6** INCH

METHOD OF DRILLING (circle one)

BORED (or Augered)  JETTED  Jetted & DRIVEN

AIR-ROTARY  AIR-PERCussion  ROTARY (Hydraulic Rotary)

CABLE  REVerse-ROTary  Drive-POINT

other \_\_\_\_\_

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

- City**
- 
- 

WRITE THE BOX NUMBER FROM THE MAP HERE

**820**

**530**

**Well**  
**6/8/99 2pm Grout**  
**No insp**

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

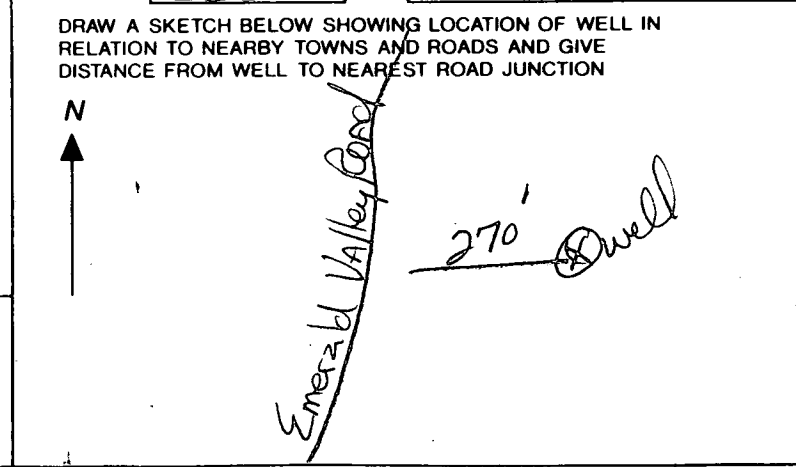
THIS WELL WILL NOT REPLACE AN EXISTING WELL

THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED

THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY - CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS

THIS WELL WILL DEEPEAN AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) \_\_\_\_\_



Not to be filled in by driller (MDE OR COUNTY USE ONLY)

APPROX. PERMIT NUMBER **GAP**

FORCE **AM** WRITE INITIALS IN BOX PERMIT No. **HC-94-2238**

EUGENE SWEIGART  
L.477/F.140  
P.56

MERRY WILLIAMS  
1565/F.328  
P.271

HOLTER  
0/F.154  
P.293

LOT 23 HAWKSFIELD  
SECTION 1, PLAT

5/4/99  
Well site  
by licensed  
surveyor

EX. PRIVATE USE-IN-COMMON  
20' R/W (L.3410/F.5.9) TO BE  
ABANDONED BY DEVELOPER  
602.10

EX. 12'-16' WIDE DRIVE  
TO BE RELOCATED BY  
DEVELOPER OFF LOT 1  
AND ONTO LOT 23  
HAWKSFIELD ESTATES,  
SECTION 1

N15°40'08"E

501.14 FOREST  
CONSERVATION  
ESMT. (2.417 AC±)

LOT 1  
3.0006 AC±

EMERALD

VALLEY  
(50' R/W)

LOT 2  
3.0014 AC±

PUBLIC DRAINAGE &  
UTILITY  
10' STREET  
TREE ESMT.

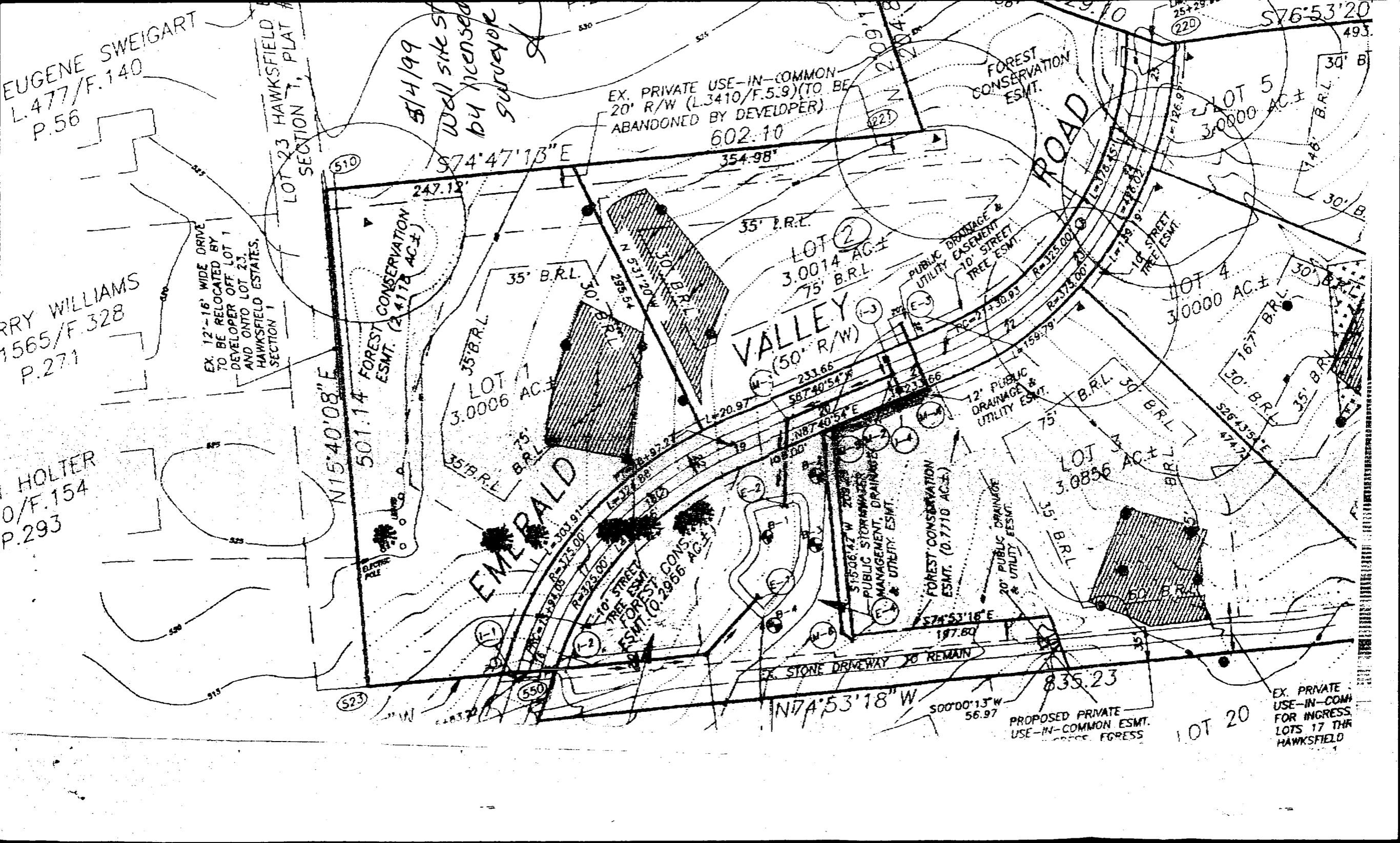
LOT 4  
3.0000 AC±

LOT 3  
3.0856 AC±

EX. PRIVATE  
USE-IN-COMM  
FOR INGRESS  
LOTS 17 THRU  
HAWKSFIELD

PROPOSED PRIVATE  
USE-IN-COMM ESMT.  
FOREST

LOT 20



B 1 **8554** SEQUENCE NO. (MDE USE ONLY)

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND  
PERMIT TO DRILL WELL  
please print or type

STATE PERMIT NUMBER  
**HC-94-2238**  
fill in this form completely

Date Received (APA) **04.27.99**

**OWNER INFORMATION**

**DIGI-DATA HOLDINGS**  
Last Name Owner First Name

**9881 BROKENLAND PKWY**  
Street or RFD

**COLUMBIA MD 21046**  
Town State Zip

B 3 LOCATION OF WELL

**HOWARD** COUNTY

**HAWKSFIELD ESTATES** SUBDIVISION

SECTION **2** LOT **2**

**WEST FRIENDSHIP** NEAREST TOWN

MILES FROM TOWN (enter 0 if in town) **2** MI

**DRILLER INFORMATION** CIRCLE: MSD/MGD/MWD

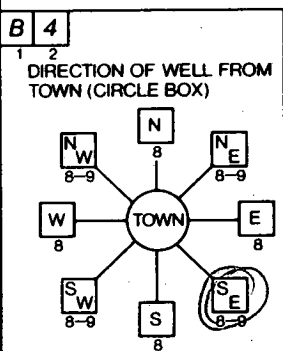
**Ronald Kyler** License No. **294**

Driller's Name **Westminster Drilling**

Firm Name **P.O. Box 861 Westminster, Md 21158**

Address **Ronald Kyler 4/24/99**

Signature Date



**Emerald Valley Road** NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

**270** DISTANCE FROM ROAD

ENTER FT OR MI **FT**

TAX MAP: **16** BLK: **80** PARCEL: **259**

B 2 WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) **5**

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) **300**

USE FOR WATER (CIRCLE APPROPRIATE BOX)

HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)

FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)

INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)

PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)

TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

**Howard Co.** COUNTY NAME **A56441B** COUNTY NO.

STATE SIGNATURE \_\_\_\_\_ INSERT S

DATE ISSUED **050499** **AWK Mille** **5/4/00**

CO SIGNATURE EXP. DATE

NORTH GRID **520000** EAST GRID **820000**

APPROXIMATE DEPTH OF WELL **200** FEET

APPROXIMATE DIAMETER OF WELL **6** NEAREST INCH

METHOD OF DRILLING (circle one)

BORED (or Augered)  JETTED  Jetted & DRIVEN

AIR-ROTARY  AIR-PERCussion  ROTARY (Hydraulic Rotary)

CABLE  REVerse-ROTary  DRIVE-POINT

other \_\_\_\_\_

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

- City**
- 
- 

WRITE THE BOX NUMBER FROM THE MAP HERE

**820**

**590**

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

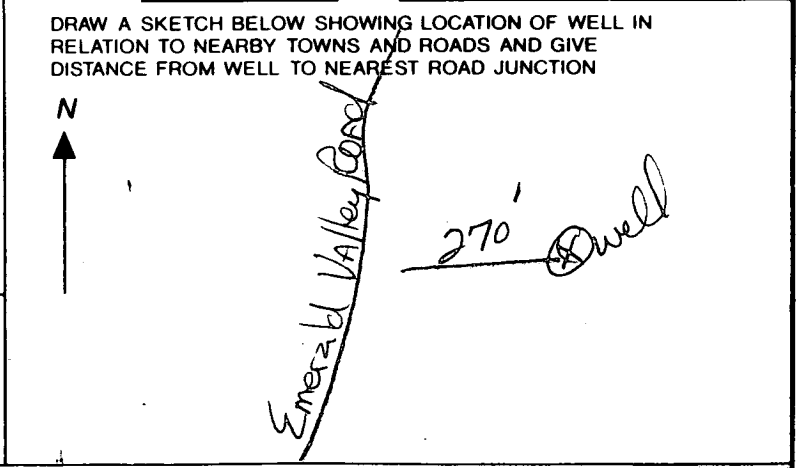
THIS WELL WILL NOT REPLACE AN EXISTING WELL

THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED

THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS

THIS WELL WILL DEEPEN AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) \_\_\_\_\_



Not to be filled in by driller (MDE OR COUNTY USE ONLY)

APPROX. PERMIT NUMBER **GAP**

FORCE **AM** WRITE INITIALS IN BOX PERMIT No. **HC-94-2238**

EUGENE SWEIGART  
L.477/F.140  
P.56

MERRY WILLIAMS  
1565/F.328  
P.271

HOLTER  
0/F.154  
P.293

LOT 23 HAWKSFIELD  
SECTION 7, PLAT

5/4/99  
Well site  
by licensed  
surveyor

EX. PRIVATE USE-IN-COMMON  
20' R/W (L.3410/F.5.9) TO BE  
ABANDONED BY DEVELOPER  
602.10  
354.98'

FOREST  
CONSERVATION  
ESMT.

LOT 5  
3,0000 AC.±

EX. 12'-16' WIDE DRIVE  
TO BE RELOCATED BY  
DEVELOPER OFF LOT 1  
AND ONTO LOT 23.  
HAWKSFIELD ESTATES,  
SECTION 1

501.14 FOREST  
CONSERVATION  
ESMT. (2,417.8 AC.±)

LOT 7  
3,0006 AC.±

VALLEY  
(50' R/W)

PUBLIC DRAINAGE &  
UTILITY EASEMENT  
20' STREET  
TREE ESMT.

LOT 4  
3,0000 AC.±

HOLTER  
0/F.154  
P.293

N15°40'08"E

EMERALD

10' STREET  
TREE ESMT.  
FOREST CONSERVATION  
ESMT. (0.2966 AC.±)

N74°53'18"W

835.23  
500°00'13"W  
56.97

PROPOSED PRIVATE  
USE-IN-COMMON ESMT.  
FOR FORESS

LOT 20

EX. PRIVATE  
USE-IN-COMM  
FOR INGRESS  
LOTS 17 THRU  
HAWKSFIELD

